

System Design
EECS 3311
Software Design

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User	
Id	Role
Username	Post
Password	
Email	
Phone	
Pick Role	
Adds profile Picture	

Role	
Name Assign role Get role name	User

Review	
Rating Comment Review date Create a review Update a review Retrieve review details	User Post

Post	
Id	User
Title	Review
Description	
Price	
Model	
Year	
Condition	
Category	
Condition	
Image	
Availability	

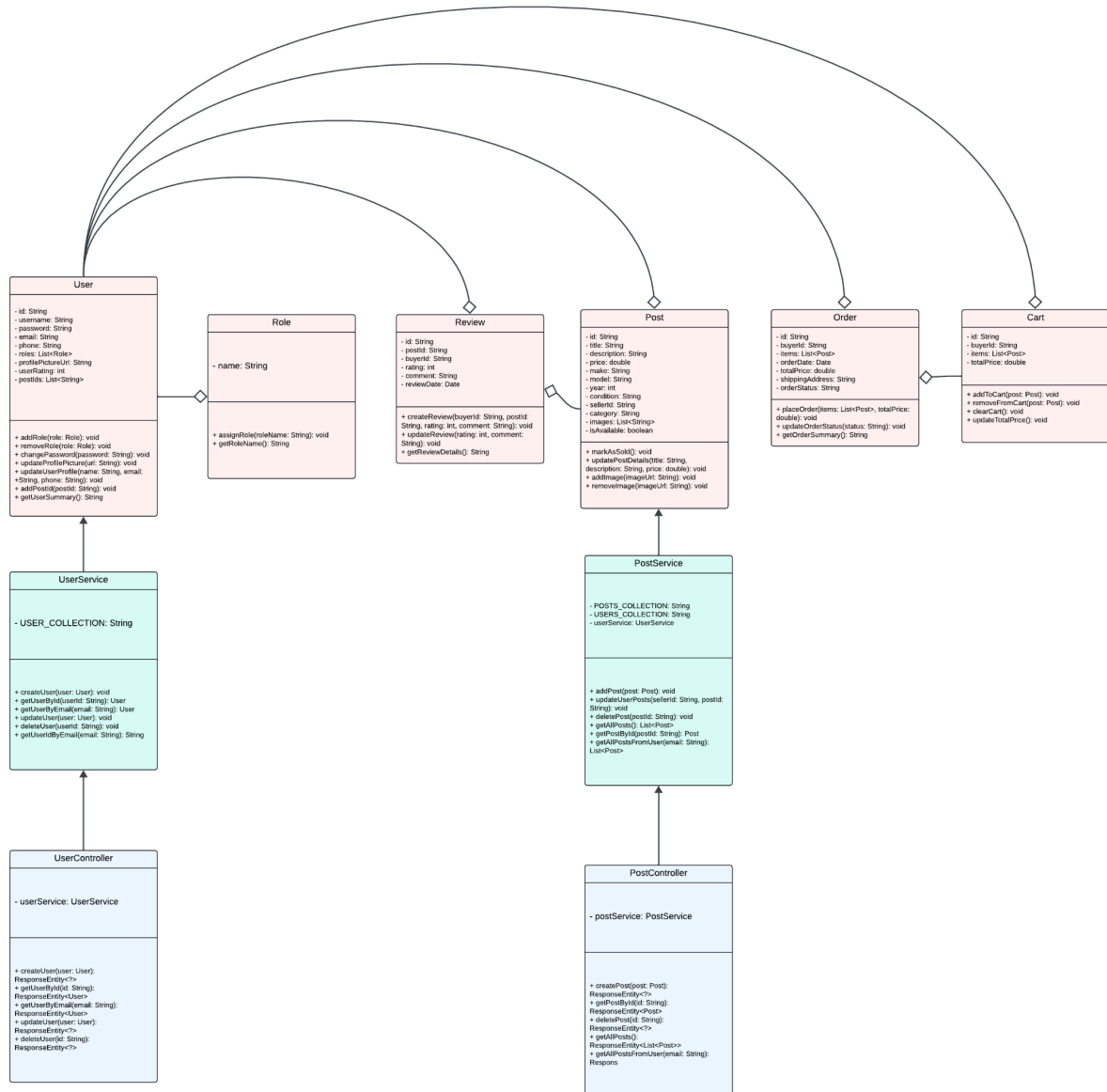
Order	
Items	User
Order Date	Post
Total Price	
Shipping Address	
Order Status	
Place order	
Get order summary	

Cart	
Items	User
Total Price	Post
Add to Cart	
Remove from cart	
Clear cart	

SearchService	
Year	Post
Price	PostService
Seat	
Condition	
Make	

SearchController	
SearchRequest	SearchService
SearchResult	PostService
	Post

PostService	
addPost updateUserPost deletePost getAllPosts	User Post



Pink- Model
Green-View
Blue Controller

Link:

https://lucid.app/lucidchart/475cf789-1ee7-4198-9b97-9baaa260f099/edit?viewport_loc=-1668%2C392%2C4263%2C2611%2C0_0&invitationId=inv_4db11fae-2842-451e-a3ec-e696af1f52bd